

INSPECTION OF CRAWLER, TRUCK & LOCOMOTIVE CRANES

IN CONSTRUCTION (1926.550)

Date of Inspection: _____ Crane Manufacturer _____

Inspector: _____ Crane Serial # or Identifier _____

Any deficiencies shall be repaired or defective parts replaced before continued use:

YES NO

- | | | |
|-------|-------|--|
| _____ | _____ | Rated load capacities, operating speeds, special hazard warnings, instructions, and hand signals posted on equipment. |
| _____ | _____ | Instructions or warnings visible to operator while at control station. |
| _____ | _____ | A competent person inspects all machinery/equipment prior to each use, and during use, to make sure it is in safe operating condition. |
| _____ | _____ | Wire rope shall be taken out of service when: |
| | | 1. In running ropes: 6 randomly distributed broken wires per lay or 3 broken wires in one strand in one lay. |
| | | 2. Wear of 1/3 the original diameter of outside individual wires. |
| | | 3. Evidence of heat damage from any cause. |
| | | 4. Reduction in diameter of rope per 1926.550(a)(7)(iv). |
| | | 5. In standing ropes: > than 2 broken wires in 1 lay in sections beyond end connection or > than 1 broken wire at end connection. |
| _____ | _____ | All moving parts exposed to employee contact are guarded. |
| _____ | _____ | Swing radius of the rear of the rotating super structure barricaded. |
| _____ | _____ | Exhaust pipes guarded or insulated. |
| _____ | _____ | No visible distortion of window safety glass. |
| _____ | _____ | Guardrails, hand-holds and steps provided for easy access to car & cab. |
| _____ | _____ | Platform and walkways have antiskid surfaces. |
| _____ | _____ | Fire extinguisher accessible (5BC minimum) at all operator cabs/stations. |
| _____ | _____ | Crane operated clear of electrical lines. |
| _____ | _____ | No modifications or additions which affect the operating capacity or safe operation of the crane w/o manufacturers written approval. |
| _____ | _____ | Employees kept clear of loads about to be lifted and suspended loads. |
| _____ | _____ | A thorough, annual inspection performed within the past 12 months? |

Other Conditions/Problems: _____

All crawler, truck or locomotive cranes shall meet the requirements for design, inspection, construction, testing, maintenance and operation per ANSI B30.5-1968.